

REMARKS

Claims 9-27 were pending prior to entering this amendment. Non-elected claims 14-16, 18, and 19 stand withdrawn and are now canceled without prejudice. Non-elected claims 1-8 were previously canceled.

Claims 20, 22, 23 and 27 are indicated as allowable if rewritten in independent form.

Claims 17, 24, and 25 are objected to under 35 USC 112(2).

Claims 9-13, 17, 21, 24-26 stand rejected under 35 USC 103(a) as being unpatentable over the applicant's admitted prior art (AAPA) of this application in combination with Shenoy, et al. (U.S. Patent No. 6,737,731; hereinafter "Shenoy"), and Hagano, et al. (U.S. Patent No. 5,086,324; hereinafter "Hagano").

Claims 9-13, 17, 21, 24-26 are canceled.

Claims 20, 22 and 27 are amended by incorporation of base claim 9.

Claim 23 is depended from claim 20.

Claims 28-38 are added.

Claims 20, 22, 23 and 27-38 remain in the case for reconsideration. Reconsideration is requested.

Claims Allowable

While the applicants disagree with the examiner regarding the teaching of applicant's admitted prior art (AAPA) in combination with Shenoy and Hagano as applied to claims 9-13, 17, 21, 24-26, claims 9-13, 17, 21, 23-26 are canceled and claims 20, 22, and 27 are rewritten in independent form to include all of the limitations of the base claim and additional feature recited therein. Allowable claim 23 depends directly from allowable claim 20. In addition, the claims 28-35 are copied from claims 10, 11, 12, 13, 21, 24, 25 and 26 respectively, but are depended directly or indirectly from allowable claims 20, 22 and 27. No new matter is added.

New claims 36 and 37 are simplified versions of claims 20 and 27 as rewritten in independent form. The simplification omits limitations relative to ruggedness and the third dopant introduction which are non-essential to the subject matter indicated as allowable in prior claims 20 and 27. New claim 38 is a copy of prior claim 23.

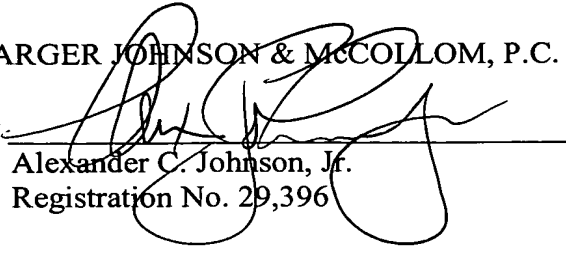
The application is now in condition for allowance. If any questions remain, please call the undersigned.

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Customer No.

Respectfully submitted,

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